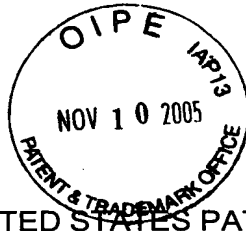


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520.39871VX2/NT0318US3

DR

COPC

JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentees: TAKAHASHI et al

Patent No.: 6,947,316 B2

Issue Date: September 20, 2005

Title: MAGNETORESISTIVE SENSOR INCLUDING MAGNETIC DOMAIN
CONTROL LAYERS HAVING HIGH ELECTRIC RESISTIVITY,
MAGNETIC HEAD AND MAGNETIC DISK APPARATUS

ATTN: Decision and Certificate of Correction
Branch of the Patent Issue Division

**PETITION FOR SUSPENSION OF THE RULES AND
CERTIFICATE OF CORRECTION UNDER 37 CFR 1.323**

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

November 10, 2005

Sir:

Patentees respectfully petition for a waiver of 37 CFR 3.81(a) to permit the correct name of the Assignee to be provided after issuance of the patent, and for suspension of the rules under 37 CFR 1.183 for the purpose of permitting a Certificate of Correction Under 37 CFR 1.323. In the above-identified patent, it is respectfully requested that a Certificate of Correction be issued to correct the assignee on the front page of the patent.

A credit card payment form in the amount of \$130.00 to cover the fee required for the petition is attached hereto.

The name of the assignee on the Notice of Allowance and Issue Fee Due (PTOL-85) filed on August 4, 2005 was incorrect. The assignee should read "Hitachi Global Storage Technologies Japan, Ltd.". The error and thus the failure to include the correct Assignee name was inadvertent (clerical in nature) and was discovered

11/14/2005 CNGUYEN 00000031 012135 6947316

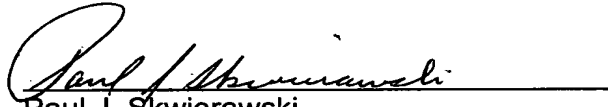
01 FC:1462 270.00 DA 130.00 OP

after the patent was issued. The error was made without deceptive intent, the correct assignee's name being given in the assignment document recorded on Reel 015642, Frame 0704. A copy of the Notice of Recordation of Assignment Document and Assignment are attached. Also attached is a PTO-1050 for the Certificate of Correction.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 01-2135 (Case No. 520.39871VX2) and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP


Paul J. Skwierawski
Registration No. 32,173

PJS/slk
(703) 312-6600
Attachments

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : US 6,947,316 B2
DATED : September 20, 2005
INVENTOR(S) : TAKAHASHI *et al.*

It is certified that error appears in the above-identified patent and that said Letters is hereby corrected as shown below:

First Page, please delete Section [73], and add following:

[73] Assignee: Hitachi Global Storage Technologies Japan, Ltd.
Kanagawa Japan

MAILING ADDRESS OF SENDER:
Paul J. Skwierawski
ANTONELLI, TERRY, STOUT & KRAUS
1300 North 17TH Street, Suite 1800
Arlington, Virginia 22209-3873
Telephone 703-312-6600

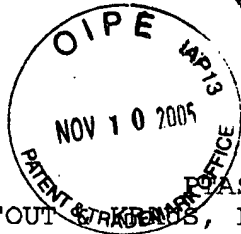
Patent No. US 6,947,316 B2

No. of Additional Copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231



700150941A

FEBRUARY 05, 2005

ANTONELLI, TERRY, STOUT & KENDRICK, LLP
MELVIN KRAUS
1300 NORTH 17TH STREET - SUITE 1800
ARLINGTON, VA 22209

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/27/2005

REEL/FRAME: 015642/0704
NUMBER OF PAGES: 13

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 501.10090G00

ASSIGNOR:
HITACHI, LTD.

DOC DATE: 01/20/2005

ASSIGNEE:
HITACHI GLOBAL STORAGE
TECHNOLOGIES JAPAN, LTD.
2880 KOZO, ODAWARA-SHI
KANAGAWA, JAPAN

SERIAL NUMBER: 09887328

FILING DATE: 06/25/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: DIGITAL MAGNETIC RECORDING/REPRODUCING APPARATUS

SERIAL NUMBER: 10651998 FILING DATE: 09/02/2003
PATENT NUMBER: ISSUE DATE:
TITLE: RECORDING FORMAT FOR INFORMATION DATE, INFORMATION RECORDING/
REPRODUCING CORDING CIRCUIT

SERIAL NUMBER: 10664870 FILING DATE: 09/22/2003
PATENT NUMBER: ISSUE DATE:
TITLE: PERPENDICULAR MAGNETIC RECORDING MEDIA, MAGNETIC RECORDING APPARATUS

SERIAL NUMBER: 10755285 FILING DATE: 01/13/2004
PATENT NUMBER: ISSUE DATE:
TITLE: MAGNETORESISTIVE SENSOR INCLUDING MAGNETIC DOMAIN CONTROL LAYERS
HAVING HIGH ELECTRIC RESISTIVITY, MAGNETIC HEAD AND MAGNETIC DISK
APPARATUS

SERIAL NUMBER: 29161601 FILING DATE: 06/04/2002
PATENT NUMBER: D478329 ISSUE DATE: 08/12/2003
TITLE: MAGNETIC DISC STORAGE

SERIAL NUMBER: FILING DATE:
PATENT NUMBER: S482365 ISSUE DATE:
TITLE:

SERIAL NUMBER: 07295777 FILING DATE: 01/11/1989
PATENT NUMBER: RE35490 ISSUE DATE: 04/08/1997
TITLE: THIN FILM MAGNETIC HEAD HAVING MAGNETIC LAYERS FOR PREVENTING
MAGNETIC SATURATION AND MANUFACTURING METHOD THEREFOR



SERIAL NUMBER: 06559083 FILING DATE: 12/07/1983
PATENT NUMBER: 4550353 ISSUE DATE: 10/29/1985
TITLE: THIN-FILM MAGNETIC HEAD AND METHOD FOR FABRICATING THE SAME

SERIAL NUMBER: 06639012 FILING DATE: 08/09/1984
PATENT NUMBER: 4592801 ISSUE DATE: 06/03/1986
TITLE: METHOD OF PATTERNING THIN FILM

SERIAL NUMBER: 06513422 FILING DATE: 07/13/1983
PATENT NUMBER: 4621030 ISSUE DATE: 11/04/1986
TITLE: PERPENDICULAR MAGNETIC RECORDING MEDIUM AND MANUFACTURING METHOD
THEREOF

SERIAL NUMBER: 06658161 FILING DATE: 10/05/1984
PATENT NUMBER: 4623439 ISSUE DATE: 11/18/1986
TITLE: THIN FILM OF NI-CO-FE TERNARY ALLOY AND PROCESS FOR PRODUCING THE
SAME

SERIAL NUMBER: 06460658 FILING DATE: 01/24/1983
PATENT NUMBER: 4626947 ISSUE DATE: 12/02/1986
TITLE: THIN FILM MAGNETIC HEAD

Form PTO-1596 (Rev. 10/02) OMB No. 0651-0027 (exp. 8/30/2005)		RECORDATION FORM COVER SHEET PATENTS ONLY Corrected ID No. 700149259		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Attorney Docket No. 601.10080G00.	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Hitachi, Ltd. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: Hitachi Global Storage Technologies Japan, Ltd. Internal Address: Street Address: 2880 Kozo, Odawara-shi, Kanagawa, Japan City: Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: January 20, 2005			<div style="text-align: center;">  </div>		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:					
A. Patent Application No.(s) <div style="text-align: center;">See Attachment A</div>			B. Patent Registration No.(s) <div style="text-align: center;">See Attachment B</div>		
Additional number(s) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: 1300 NORTH 17 TH STREET - SUITE 1800 City: ARLINGTON State: VA Zip 22209			6. Total number of applications and patents involved 220 7. Total fee (37 CFR 3.41)..... \$8800.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <div style="text-align: center; font-size: 1.2em;">01-2135</div>		
(Attach duplicate copy of this page if paying by deposit account)					
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>					
Melvin Kraus, Reg. No. 22,486 <hr style="width: 100%;"/> Name of Person Signing		 Signature		02/02/2005 <hr style="width: 100%;"/> Date	
Total number of pages including cover sheet, attachments, and document: 13					

ATTACHMENT A

Application No.	Date Filed yyyy/mm/dd
09/887328	19981103
09/811606	20010320
09/801869	20010711
09/833899	20010822
09/942507	20010831
10/054784	20020125
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